

# PRODUCT SAFETY DATA SHEET

According to EC directive 91/155/EEC and subsequent amendments

Version: 1

Revision Date: 30/05/07

## GEOBOND® MARINE - ONE PART HIGH MODULUS SEALANT ADHESIVE

### 1. Identification of the Product.

Commercial Name:	Geobond® Marine
Name and Address of Supplier:	Geocel Limited Western Wood Way Langage Science Park Plympton Plymouth PL7 5BG United Kingdom
Main Switchboard:	+44 (01752) 202060
Main Fax:	+44 (01752) 334384

### 2. Composition/Information on Ingredients.

Contains	CAS	Conc.	Classification
Naptha (petroleum) Hydrotreated Heavy	64742-48-9	<2%	Xn, R10, R65, R66, R67
Dibutylbis (pentane-2,4-dionato-O,O')tin	22673-19-4	<2%	Xi, R36/38, Xn R48/22, N R51/53

### 3. Hazards Identification.

Not hazardous according to Council Directive 1999/45/EC and its subsequent amendments.

#### Human

Ingestion of large quantities may induce narcosis.  
May irritate the eye.  
May cause skin irritation especially if exposure is prolonged and/or repeated.  
Unlikely to cause damage to internal organs following skin contact.  
Ensure adequate ventilation.

#### Safety

Not classified as "Dangerous" according to the criteria for safety.

### 4. First Aid.

Ingestion:	Wash out the mouth with water. Do not induce vomiting. Seek medical advice.
Skin contact:	Wash the skin with soap and water.
Eye contact:	Wash out the eye thoroughly with plenty of clean water.

### 5. Fire-Fighting Measures.

Fumes containing carbon dioxide, carbon monoxide and sulphur dioxide may be formed in large fires.  
In case of fire use powder, foam, sand, water spray.  
Avoid using large quantities of water.  
In case of fire, self-contained breathing apparatus should be worn.

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#### **6. Accidental Release Measures.**

Contain and collect spillage.  
Absorb onto sand/kieselguhr or other inert material.  
Failure to contain release must be notified to both the local authority and Geocel Limited.  
Wear impervious gloves/overalls and eye protection while cleaning up the spillage.  
May make floor very slippery.  
Do not wash into the drains.  
Place in plastic barrels for disposal.  
Do not mix with other waste materials.  
Dispose of in accordance with State and local authority regulations.  
Seek advice from the local waste authority or seek guidance from Geocel Limited.

#### **7. Handling and Storage.**

Do not store close to strong oxidising agents, which could aggravate any fire situation.  
Use in well ventilated area.  
Do not store close to acids.  
Do not store product in direct sunlight.  
Do not smoke, eat or drink during handling of this product  
Wash hands after handling. Apply good hygiene practices

#### **8. Exposure Controls and Personal Protection.**

Avoid Contact with eyes, skin or clothes. Do not ingest.  
Working procedures should be designed to minimise worker exposure to this product. Where this is not possible the following personal protective equipment should be provided.

<b>Hand protection:</b>	Impervious gloves must be worn.
<b>Skin protection:</b>	Protective overalls and shoes/boots must be worn.
<b>Eye protection:</b>	Chemical safety goggles recommended.
<b>Respiratory protection:</b>	Adequate ventilation.

All personal protective equipment must comply with the appropriate EEC (CE) standards and should be maintained and stored to ensure continued suitability for use. Workers should be trained in the effective use and maintenance of the personal protective equipment provided.

**Occupational Exposure Limits:** NONE

#### **9. Physical and Chemical Properties.**

Appearance	Coloured smooth paste.
Odour	slight

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Relative Density	1.75
Solubility in Water	Insoluble.
Solubility in Organic Solvents	Slightly soluble in fats.

#### **10. Stability and Reactivity.**

May react with strong oxidants.  
May react exothermically with acids.

#### **11. Toxicological Information.**

LD50(oral rat)>2000mg/kg.  
Not Classified as 'Harmful if Swallowed'.  
May produce some skin irritation after prolonged contact.  
May cause eye irritation.

#### **12. Ecological Information.**

This product is poorly biodegradable.  
Do not release into surface waters.

#### **13. Disposal Considerations.**

When disposing of waste or surplus material, avoid contact with the eye and skin.  
Wear impervious gloves/overalls, chemical safety goggles and suitable respiratory protection.  
Do not wash into the drains.  
Do not mix with other waste materials.  
Seek advice from the local authority or Geocel Limited.

#### **14. Transport Information.**

Not classified as "Hazardous for Transport".

#### **15. Regulatory Information.**

This preparation has been assessed using the health and safety criteria laid down in the EEC Directives on the Control of Dangerous Substances and Preparations. It is found not to be classified using the safety criteria but is classified according to the health criteria and should be labelled: -

**Use only as Directed.**  
**Keep away from children.**  
**Wash hands after use.**

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#### **16. Other Information.**

This product safety data sheet was prepared in compliance with Commission Directive 91/155/EEC, 67/548/EEC and 1999/45/EC as well as their relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.

It is the responsibility of persons in receipt of this Product Safety Data Sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produces a formulation containing the Geocel product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the Geocel Product Safety Data Sheet to their own Product Safety Data Sheet in compliance with Commission Directive 1999/45/EC.

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. Geocel shall not be held responsible for any defect in the product covered by this SDS, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.

As stated above, this Safety Data Sheet has been prepared in compliance with applicable European law. If you purchase this material outside Europe, where compliance laws may differ, you should receive from your local Geocel supplier a SDS applicable to the country in which the product is sold and intended to be used. Please note that the appearance and content of the SDS may vary – even for the same product – between different countries, reflecting the different compliance requirements. Should you have any question, please refer to your local Geocel supplier.

Safety Phrases in Section 2:

R10 Flammable

R65 Harmful may cause lung damage if swallowed

R66 Repeated exposure may cause skin dryness or cracking

R67 Vapours may cause drowsiness and dizziness

R36/38 Irritating to eyes and skin

R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed

R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment